

Application Information

MSOM applicants should have solid quantitative analytical skills including a minimum of one semester of college calculus. Students should apply to the MSOM program online through the University of Alabama Graduate School application website:

<http://graduate.ua.edu/application>

A complete application package includes the following information.

- Undergraduate/Graduate Transcripts
- GRE or GMAT Scores
- TOEFL scores (for International Applicants)
- Statement of Purpose
- Three Recommendation Letters*
- Resume*

The recommendation letters and resume should be sent to the MSOM program coordinator at the address listed below. All other application materials should be sent to the Graduate School. Full-time students on campus are eligible for teaching and research assistantships.

Contact Information

Dr. John Mittenthal, MSOM Coordinator
The University of Alabama
Operations Management
300 Alston Hall, Box 870226
Tuscaloosa, AL 35487-0226

Phone: (205) 348-6087

Fax: (205) 348-0560

E-mail: jmittent@cba.ua.edu

<http://www.cba.ua.edu/omms/ms>

The University of Alabama
Operations Management
300 Alston Hall, Box 870226
Tuscaloosa, AL 35487-0226

THE UNIVERSITY OF
ALABAMA
OPERATIONS MANAGEMENT

MASTER OF SCIENCE OPERATIONS MANAGEMENT



THE UNIVERSITY OF
ALABAMA
BUSINESS

The Alabama OM Program

Operations Management (OM) focuses on the effective management of the resources and processes that produce and deliver the goods and services of any business. The Alabama OM program emphasizes the application of quantitative analysis to the design and management of business operations.



The Alabama OM program offers Undergraduate, Masters, MBA, and Doctoral degrees.

MSOM Degree

The Master of Science in Operations Management provides advanced, specialized training in OM and requires a capstone project to finish the degree. The MSOM degree is offered both on campus for full time students and online for part-time students. Full time students can complete the degree in three semesters. The MSOM currently averages 10-12 students each year.

MSOM Curriculum

OM 500 Mgmt. Science & Spreadsheet Modeling
ST 560 Statistical Methods I
OM 517 Supply Chain Modeling & Analysis
OM 522 Operations Scheduling
OM 523 Inventory Management
OM 524 Manufacturing Scheduling & Control
OM 525 Effective Quality Management
ST 575 Statistical Quality Control
OM 540 Systems Simulation
OM 592 Capstone Project

MSOM Online

The MSOM degree is also offered online for students who want to continue to work full time as well as those who are on active military duty. Class lectures are pre-recorded and made available online to the students. The course schedule is synchronized with the university's semester calendar. The degree and course requirements are identical to the on campus program. Online students can complete the degree in 2-3 years taking 1-2 courses each semester. Additional information about the MSOM online program is available online at the address below.

<http://bamabydistance.ua.edu/operations>

Affiliated Research Centers

- **Alabama Productivity Center**
<http://www.proctr.cba.ua.edu/>
- **Supply Chain Institute**
<http://cba.ua.edu/sci/>
- **Center for Business and Economic Research**
<http://cber.cba.ua.edu/>

Faculty and Research Areas

Burcu B. Keskin (Assistant Professor, Ph.D., Texas A&M)
Facility Location, Inventory Control, Supply Chain Optimization

Sharif H. Melouk (Assistant Professor, Ph.D., Texas A&M)
Discrete Event Simulation, Simulation Optimization

David M. Miller (Professor, Ph.D., Georgia Tech)
Quality Control, Expert Systems, Lean Manufacturing

John Mittenthal (Associate Professor, Ph.D., Michigan)
Scheduling, Vehicle Routing, Production Operations

William Petty (Instructor, CSCP, MBA, Univ. of Cincinnati)
Productivity Analysis, Purchasing, Lean Manufacturing

Charles P. Schmidt (Professor, Ph.D., Univ. of Chicago)
Supply Chain and Inventory Management, Production Scheduling

Charles R. Sox (Professor, Ph.D., Cornell)
Supply Chain Design, Planning, Inventory Control, Logistics

Jerry R. Weaver (Associate Professor, Ph.D., Tennessee)
Transportation Research, Vehicle Routing, Logistics

Campus and Community

The University of Alabama, located in Tuscaloosa, AL, is a major, comprehensive, student-centered research university founded in 1831 as Alabama's first public college.

Located on the Black Warrior River, Tuscaloosa is the center of industry, commerce, healthcare, and education for west Alabama. Tuscaloosa is located near many notable manufacturing



and distribution facilities including Mercedes-Benz, Nucor Steel, Brose, GAF-Elk, Phifer-Wire, Inteva, ZF Corp., U.S. Steel, Wal-Mart, Vulcan and CVS. With strong ties to industry, state-of-the-art facilities, and a creative, nurturing campus environment, The University of Alabama is the perfect place to pursue a degree in Operations Management.

Student Organizations

- INFORMS Student Chapter
- Society of Operations Management Students
- APICS Student Chapter
- Alabama Automotive Manufacturing Association

